

FLIGHT PROJECTS DIRECTORATE
STATUS REVIEW PACKAGE (SRP)

**MULTI-PROGRAM SUPPORT (MPS)
USER GUIDE**

Prepared for:
GODDARD SPACE FLIGHT CENTER
by:
INFORMATION DYNAMICS, INC.

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The following documentation is an overview of the MULTI-PROGRAM SUPPORT Windows program operation.

RUNNING A CHART FROM WINDOWS

There are two ways to run the MPS chart in the Windows environment:

The first is to double click on the MPS icon. This will load the MPS chart and automatically load the last file opened.

The second way is to click on the MPS icon. Make sure the title under the icon is highlighted. Move the pointer up to File and click. Move the pointer to Properties and click. This will bring up a dialog box that has the program's name. After the program name, enter the correct path and file name of the file chart to be opened and click on OK. Then move the pointer back to the icon and double click. This will open the chart and the file that was specified in the Properties dialog box.

CREATING A NEW CHART

Move pointer to the menu bar and click on File. This will reveal the File pulldown menu.

Move the pointer down the pulldown Menu to New, and click. This will load a blank chart.

OPENING AN EXISTING FILE

To open an existing file, move the mouse to the menu bar and click on File. This will display the File pulldown menu.

Move the pointer to Open, and click on Open. This opens a dialog box where either the path and filename can be typed or the file can be found by scrolling through the file box. The file box can access any drive, subdirectory, etc.

Enter the desired path and file. Then move the pointer to **OK** and click, or Move the pointer to the file to be opened and double click on it.

SINGLE CHART IMPORT

The following describes the Import process for an RPM chart in the "RPM" program.

Two files are required for importing data. MPSXXXXX.PRN holds the information being imported (usually created using Lotus 123), and MPSXXXXX.IMP which maps the information in the ".PRN" file to the appropriate field locations in the MPS chart. "XXXXX" is to be user defined. Both files must have identical names other than the extensions, and the first three characters must be "MPS" for an MPS chart.

Described below is the necessary information that is required in the ".IMP" file for an MPS chart:

LABEL FIELD NUMBER

PROJECT	44
planobl	1
obl	15
comm	29

Described below is the contents of a ".PRN" file created using Lotus 123 :

PROJECT	PROJECT XYZ
planobl	12 12 14 15 16 17 18 19 21.1 22 22.2 23.1
obl	11.2 12 13 14 15 16 17.2 18 19 22 22.1 22.7
comm	12.2 13 12 13 14 16 16.2 19 19 21 21.1 21.7

To import a ".PRN" file, ensure that the ".PRN" and ".IMP" files have the same name other than the extensions.

Move the mouse pointer tho the menu and select File. This will reveal a pull down menu. Select Import. Access the directory that contains both the ".PRN" and ".IMP" files (they must reside in the same directory). Select the appropriate file to import by double clicking on the file name, or clicking once on the filename and then clicking on Import. This action will import the ".PRN" file.

An ".IMP" file can be edited to change the "LABELS" to match those in the ".PRN" file. While in the Import dialog box, select the ".PRN" filename that matches the ".IMP" file that needs editing. Click the mouse on Edit. This action will load "NOTEPAD.EXE" and the corresponding ".IMP" file. Make the necessary changes to the LABEL names. When editing has been completed, save the changes and exit "NOTEPAD". To then Import the file, double click on the filename, or click once on the filename and then click on Import.

Special note: The **FIELD NUMBERS** should not be edited. If they are changed, unpredictable results may occur.

MULTIPLE CHART IMPORT

The following describes the process for importing several RPM charts at one time:

Two files are required for importing multiple charts. MPS.DAT holds the data being imported, and MPS.IMP which maps the information in the MPS.DAT file to the correct chart fields in their respective filenames. These two files must be named MPS.DAT and MPS.IMP.

Listed below are is a sample **MPS.IMP** file:

NAME/FIELD NUMBER

```
ASOF      46
@MONTH    -1
&*ALL      1
&*OBL     15
&*COM     29
#
400.MPS 400      (Puts data into filename 400.MPS)
402.MPS 402      (Puts data into filename 402.MPS)
403.MPS 403      (Puts data into filename 403.MPS)
```

File 400.MPS, 402.MPS, and 403.MPS must first be created in order for this process to work.

Listed below is a sample **MPS.DAT** file:

```
ASOF  10/30/91
MONTH 01
400ALL 82.1
402ALL 17.2
403ALL 12.1
400OBL 72.4
402OBL 16.6
403OBL 10.2
400COM 77.4
402COM 16.7
403COM 9.9
```

Summary: MPS.DAT contains information for the three files named, 400.MPS, 402.MPS, and 403.MPS that are referenced in the ".IMP" file. Line 1 of **MPS.DAT** contains the "As of:" date that will go in these three files. Line 2 contains the current or

applicable month eg: October = month 1, November = Month 2 etc. which is an index to the correct field where the data is supposed to go. Line 3, 4 & 5 contain the "\$PLAN OBL." data in the three charts 400.MPS, 402.MPS, and 403.MPS. Line 6, 7 & 8 contain the "\$OBLIGATED" data for the three charts. Line 9, 10 & 11 contain the "\$COMMITTED" data for the three charts.

The ".IMP", ".DAT", and target files all must exist and reside in the same subdirectory.

To import multiple files, Move the mouse pointer to the menubar and click on File and then select Import. This action will bring up the Import dialog box. Access the directory where the ".IMP", ".DAT", and the target files all reside. You will not see the ".DAT", ".IMP", or the target files listed in the file list box. Click on the "All" button. This action will import the information listed in the "MPS.DAT" to the charts listed in the "MPS.IMP" file.

To edit the ".IMP" file, Move the mouse pointer to the menubar and click on File and then select Import. This action will bring up the Import dialog box. Access the directory where the ".IMP", ".DAT", and the target files all reside. You will not see the ".DAT", ".IMP", or the target files listed in the file list box. Click on the "Edit all" button. This action will load "Notepad.exe" and the "MPS.IMP" file for editing. This should be done only for the purpose of adding filenames to the list of filenames. Changing anything else may cause unpredictable results. After editing the file is completed, save the file and exit "Notepad.exe". This will return you to the "Import Dialog Box". Click on the "All" button to complete the import process.

ENTERING DATA

Position the pointer over the field you want to enter.

Click on that field. This will display a small dialog box.

Position the pointer over the **OK**, **NEXT**, or **CANCEL** button and click. **OK** will accept the changes, **NEXT** will allow the next field to be entered, and **CANCEL** will leave the current field unchanged. Valid entries are **0 - 99999**.

All invalid entries will display an error box. The field will be left blank. Reselect the field and re-enter the number if needed.

TITLES, DATES, AND OTHER FIELDS

Move the pointer to the field to edit and click. This will display an entry box.

Make the entry.

Move the pointer **OK** or **CANCEL** and click.

OK accepts the entry, and **CANCEL** reverts back to what was previously entered in for that field.

The proper format to use when entering the date is MM/DD/YY;
e.g. 07/21/91.

ANNOTATIONS

An annotation can be made almost anywhere within the chart.

Position the pointer to the bottom left of where an annotation is needed and double click. This will open an entry box.

Type in the annotation, and click **OK** or **CANCEL**. **OK** accepts the annotation, and **CANCEL** prevents the annotation from being made.

To move an annotation, position the pointer on the annotation and depress the left mouse button. The pointer will change to a cross hair. Drag the annotation to the desired position. Release the mouse button when the positioning of the annotation is satisfactory.

To change the attributes of an annotation, move the pointer to the menu bar, and click on Edit. Then click on Annotate. This will display a dialog box where the color, size, and font can be changed for each annotation.

Use the **PREVIOUS** and **NEXT** buttons to flip through the annotations.

If an annotation is in an undesirable location and cannot be moved, delete the annotation by using the annotation dialog box.

SAVE/SAVE AS

To save a file, position the pointer on the menu bar. Click on File, then click on Save or Save As.

The option "Save As" allows you to save the file using any legal file name and path.

The option "Save" saves the current file to the current file name.

If the current file is new and has never been saved, the "Save As" dialog will appear.

All files will be saved with a ".MPS" extension by default.

LINES

Position pointer over the menu bar and click on the option Format. Then click on Line Styles. This will open a dialog box where the line styles and colors can be changed.

Click the radio button for the desired line style and color that corresponds to a particular line on the chart.

To exit, click on **OK** or **CANCEL**. **OK** saves the changes, and **CANCEL** reverts back to the previous settings.

ERROR BOXES

Error Boxes can be displayed for several reasons:

OPENING A FILE:

If you type in the wrong file name, an invalid file name, or the file cannot be found, then an error box will appear.

ENTERING AN INCORRECT NUMBER:

If you type in a number other than in the specified valid range, an error message will appear.

In the Options dialog, an invalid "Fiscal Year" entry will result in an error. The range of valid years is 1960 through 2050.

WARNING BOXES

A warning box will be displayed if the user has made changes to a file and:

- tries to open another file without first saving the current file.
- tries to create a new file without first saving the current file.
- tries to quit without saving the current file.

The warning box asks the user if they would like to save the file. The correct responses are either **YES**, **NO**, or **CANCEL**. **YES** saves the changes. **NO** continues on without saving the file. **CANCEL** aborts the operation.

A warning box will be displayed if the user attempts to save a new file to an existing file name.

The warning box asks the user if the existing file should be overwritten. **YES** overwrites the file, **NO** and **CANCEL** allow the user to enter a new file name.

DELETE

To delete a file, position the pointer on the menubar. Click on File, then click on Define. This opens a dialog box where either the path and filename can be typed or the file can be found by scrolling through the file box. The file box can access any drive, subdirectory, etc.

Enter the desired path and file to be deleted or move the pointer to the file to be deleted and click. Move the pointer to **OK** and click. This action displays another dialog box as a safety measure to ensure that the user really wants to delete the selected file. **CANCEL** aborts the operation, **OK** deletes the file.

PRINTER SETUP

To access the Printer Setup, Move the pointer to the menubar and click on File. Move the mouse to Printer Setup and click. This will bring up a dialog box where the printer modes can be changed. Make sure the printer is set up for "Landscape" before printing.

PRINTING

Move the pointer to the menubar and click on File. Move the mouse to Print and click. This will print the chart on the Windows default printer.

EXIT

To exit an existing file, move the pointer to the menu bar and click on File. Move the pointer to Exit, and click on Exit.

If the file has no new changes, then the program will terminate.

If the file has unsaved changes, a warning box will appear and prompt the user to save the current file.